



Minutes of the European Society of Biomechanics General Assembly

Lyon – 12th July 2016

Meeting Chairman: Gwendolen Reilly, President

Meeting Secretary: M^aAngeles Pérez Ansón, Secretary-General

1. Welcome of the Secretary-General

The Secretary-General, M^aAngeles Pérez, welcomed all participants attending the Assembly. Ninety nine members attended the General Assembly.

a. Approval of the previous GA minutes

The Secretary asked for approval of the minutes of the previous General Assembly, held in Prague, Czech Republic, on 12th July 2016. The minutes were approved.

b. Matters arising

The proposed agenda was approved, without any request for additional matters to be discussed.

2. Council reports

2.1 Report from the President

2.1.1 Presidential Address

The President, Gwendolen Reilly (GR), listed the main items of her Presidency:

- 40 years of growth
- More than 1000 members
- The society is financially healthy, new per delegate congress income implemented from this year
- The council has been working hard on the ESB congress web portal (mainly Markus Heller - Chair of Meeting Web Portal Committee), which has just been launched for ESB2016 in Lyon. Feedback is welcome
- First use of electronic ballot system for council elections: 184 people voted
- A huge thank you to all the supportive and dedicated council members GR has worked with over the years

2.1.2 New Honorary Member

The President proposed to appoint Prof. Romuald Bedzinski as Honorary Member. The President presented the contribution of Prof. Bedzinski to the biomechanics field and the ESB.

The President asked for a formal vote of the General Assembly. The present members voted all in favor. Prof. Romuald Bedzinski is elected as Honorary Member.

2.2. Report from the Secretary-General

M^aAngeles Pérez Ansón (MAPA) reported.



The Secretary-General informed that an important number of applications were received in the last year and proposed to ratify 244 new members (106 active, 2 corporate and 136 students) and noted that all those members had been screened and approved by the council. The list of new members was presented in a previous email and the Secretary-General asked for a formal vote. The present members voted unanimously in favor.

The Secretary-General presented the evolution of the membership in time. At the end of 2014 we achieved 1000 members and we continue being more than 1000 members. The geographical distribution of our membership was presented: 20% are from the UK, 10% from Germany, Italy and Switzerland and 7% from Spain, which has increased their membership in the last two years.

2.3 Report from the Treasurer

Stephen Ferguson (SF) reported.

The total assets of the Society on 30th June 2016 were close to 160,000 Euro. Incomes came mostly from the membership fees and journal subscriptions. Expenses were mostly related to the awards, journal costs, website maintenance, and EAMBES membership. The proportion of members in good standing had increased (60%) with respect to previous year (50%). This year, in Lyon, the conference system has a flat rate fee and this will stabilize the system.

Finally, SF presented a positive balance estimation for next year. The financial report for 2015 was submitted to the two Auditors Monique Donkerwolcke and Ulrich Simon. Both auditors reported that the financial report of 2015 was correct and in a good state.

The report was opened for discussion:

- Nico Verdonschot asked about the members who are not paying. SF explained that members that have not paid for the last two years are excluded from the system.
- Marco Viceconti suggested increasing the number of awards, for example, the mobility award. The council agree. But for example, the number of applicants to the mobility award was not very high and the quality of the proposals was not always good enough. So we prefer to maintain a high quality than giving more awards of lower scientific quality.
- Hans Van Oostervyck proposed to have more than one application deadline for the mobility award. The council will study this suggestion.

The report was asked for approval. It was approved.

2.4 Report on Awards

William Taylor, Vice-President, reported on the Awards procedure and presented the recipients of the awards for this Congress.

- SM Perren Award 2016: Philippe Zysset, Jacob Schwiedrzik and Uwe Wolfram (University of Bern). "A statistical damage model for bone tissue based on distinct compressive and tensile cracks".
- ESB Best Doctoral Thesis in Biomechanics: Loes Derikx of KU Leuven (Belgium), sponsored by ESB. Thesis title: Femoral fracture risk prediction in metastatic bone disease. Supervisors: Prof. N. Verdonschot and Prof. I. Jonkers
- ESB Student Awards: the finalists were Zhao Ying Cui, Emiel van Düsselndorf, Koichiro maki and Dana Solav. The winner will be announced at the Congress Dinner.
- ESB Clinical Biomechanics: the finalists were Giorgia Bosi, Alessandro Borghi, Gianluca Tozzi and Patrik Christen. The winner will be announced at the Congress Dinner.



- ESB Travel Awards (15): the winners are Andris Piebalgs (UK), Melika Mohammadkhah (Ireland), Zhao Ying Cui (Belgium), Koichiro Maki (Japan), Rukmani Sridharan (Ireland), Cristina Falcinelli (Canada), Enrico De Pieri (Switzerland), Naiara Rodriguez Florez (UK), Francesco Sturia (Italy), Chee Hau Leow (UK), Luca Modenese (Australia), Sara Oliviero (UK), Tito Bassani (Italy), Carlo Massaroni (Italy), Soran Aminiaghdam (Germany), all sponsored by ESB. There were 70 applicants.

William Taylor thanked the members of his award committees for their hard work and to Lutz Dürselen for many years of unpaid service.

William Taylor announces upcoming changes to ESB Awards:

- Award submission will be integrated into online abstract submission on website. This will allow timelines aligned with congress, pre-screening of abstract quality, increased efficiency and reduced announcement times, inclusion of the non-winning candidates into the normal review process, etc.
- Only one award submission per applicant
- Travel awards incorporated at abstract submission
- Only one travel award per member
- Increased of runner-up awards (Clinical Biomechanics and Student Award) to 400€. This solves conflicts between travel award (400€) and runner-up prizes (0€ or 250€). This will start by 2017
- Increase of the Poster awards up to 3
- Introduction of new corporate awards (Mimics Innovation Awards by Materialise)

2.5 Reports from the Committees

2.5.1 Meeting Web Portal

The Chair of Meeting Web Portal Committee, Markus Heller (MH), reported that the goal of this Committee is to develop the ESB website for the management of the abstract submission and reviewing processes for the annual congresses. This year the Committee has been working really hard. We have managed review of over 700 abstracts, over 600 registrations. One of the main advantages of the system is its direct interlink with membership database. But further work should be done to improve programme presentation.

The report was open for discussion:

- Ralph Müller indicated that in another conference (Termis), they used an app that installs the scientific programme on your mobile phone, sends messages, details on every paper, etc.
- In Lyon, the programme did not show where the people come from. This is because the database didn't have this information.

2.5.2 Membership Committee

The Chair of Membership Committee, Luca Cristofolini (LC), reported on the activities carried out in the last year.

The online application is clearer now; we have improved the web interface. The payment of the membership fees is also simpler. The goal of increasing the number of members by facilitating the payment of the membership fees (e.g. by integrating them within the meeting fees) is continuing to be very successful. The members were reminded that the way this works is that when you attend a congress in year N as a member in good standing your fee is paid for the year N+1. Members that miss the congress can instead pay the fee online.



He reminded that attending the congress pays the yearly fee but enrollment of new members is not automatic; they need to apply online.

Membership has grown to over 1000! After cleaning of members in arrears we are now 1071 members approximately. We expect new members after this congress.

One of the membership committee priorities has been to attract more corporate members and this task was successful with one more corporate member (Delsys). We have now 9 corporate members in good standing. This year we are going to have one parallel session dedicated to corporate members: “Corporate session: technology for research” where 3 of our corporate members are presenting.

The report was open for discussion but no comments are raised.

2.5.3 External Affairs

The Chair of the External Affairs Committee, Harry van Lenthe (HvL), informed about the aim of the national chapters, which is the ‘promotion and dissemination of biomechanics research at the national level in countries where a national society does not exist’.

The Austrian Chapter had their inaugural assembly in Vienna, Sept. 10, 2015.

The Italian Chapter had carried out many activities: 6th Meeting (Naples, June 22, 2016), introduced a student award for best master thesis, opened a twitter account, organized the first thematic symposium, organized a special session on biomechanics at the XXI National Conference on Computational Mechanics + VIII Meeting of the AIMETA Materials Group.

The Spanish Chapter organized the 5th Meeting (Madrid, 20 November, 2015), a new Executive Committee was elected and 6th Meeting is planned to take place in Badajoz (24 October, 2016).

The Italian Chapter needs to create a bank account for the awards but the Italian laws require them to be registered as a society, so then, they can have a budget. The council agreed with that but the ESB By-Laws should be modified so any changes in the Chapters by-laws should be communicated to the council for approval. Therefore, HvL presented the changes that the GA had to approve:

Article VII: National Chapters, Section 1: Chapters

*National Chapters of the Society can be created in any country of Europe where a legally established national Society of Biomechanics – or any other national scientific society whose aim is uniquely focused on biomechanics research – does not exist. At least five active members of the Society registered from that country must jointly apply and submit an application to the Council for the national group to be designated as a National Chapter of the Society. The applicants must produce a declaration that no national society of biomechanics exists in that country at the date of application, and present the By-Laws in English that regulate the activity of the proposed Chapter. **THE NATIONAL CHAPTER MAY REGISTER AS A LEGAL ENTITY ACCORDING TO THE LAW OF THE COUNTRY IN WHICH THEY ARE ESTABLISHED.***

Article VII: National Chapters, Section 3: Executive Board and its Obligations

*The activities of the National Chapter are administered by an Executive Board of the Chapter. The structure of this Board, how officers are elected, and how the Executive Board operates, are defined in the By-Laws of each Chapter. The By-Laws of the Chapter shall be kept at the Council of the Society. **ANY CHANGES TO THE BY-LAWS SHOULD BE COMMUNICATED TO THE COUNCIL FOR APPROVAL.** The Executive Board of the National Chapter must organise a General Assembly of all the active members registered for that country at least once every two years. The Executive Board of each National Chapter must submit to the Council a written report on the activities of the Chapter one month before the General Assembly of the Society.*

Before asking for the change approval, the session is opened for discussion. LC gives more details about the Italian Chapter need. Marco Viceconti suggested to ask for legal advice.



The changes were presented to the members for their approval. All participants approved the changes (two abstentions).

2.5.4 Student Committee

The Chair of the Student Committee, Hanna Isaksson (HI), was on maternity leave so MAPA presented her reported.

The number of student members has largely increased.

The Student working committee – formed by Ali Sharifnezhad, Yash Agarwal, Zahra Asgharpour and Eduardo Borgiani have been doing excellent work. Most of them have graduated or will be graduating shortly so expressions of interest for new student committee members are invited.

The ESB Facebook group has more than 131 student members and more than 116 full members. The LinkedIn group has 185 members. Job advertisements are available on these sites as well as directly on our webpages ESBiomech.org.

In Lyon, HI organized the student evening at Le sucre Restaurant and Tuesday Lunch Workshop about “Am I an ethical researcher?” The student event will take place after the GA. New events are being prepared for Lyon 2016. The workshop will be a panel debate and discussion. GR and Dr. Claudia Mazza helped with its organization.

The student committee manages the ESB mobility award to promote exchange and collaboration between ESB researchers. The 2016 winners were Feihu Zhao who will travel from The Netherlands to United Kingdom and Paola Tamburini who is travelling from Italy to United Kingdom.

2.5.5 Publication Committee

The Chair of Publication Committee, Sara Checa, reported on the activities performed in the last year.

The ESB monthly mailing is regularly sent with the latest news from the society including upcoming deadlines (awards, congress registration, endorsed meetings, etc.), updated information on the web page through the calendar, posts and news sections.

ESB members were invited to suggest new entries.

2.5.6 Meetings Committee

The Chair of Meeting Committee, Paulo Fernandes, reported that the ESB has endorsed 8 meetings since July 2015: icSports 2015 (Lisbon, Portugal), MNF2016 (Milan, Italy), EORS2016 (Bologna, Italy), CMBBE2016 (Tel Aviv, Israel), icSport 2016 (Porto, Portugal), 3D Printing in Healthcare 2016 (Amsterdam, Netherlands), First ESB-ITA Thematic Symposium Frontier Biomechanical Challenges in Cardiovascular Physiopathology 2016 (Palermo, Italy) and Barcelona VPH Summer School 2016 (Barcelona, Spain).

The Call for Bids for ESB2020 will open in Autumn 2016.

The 23rd ESB congress 2017 will be held in Seville (Spain) (2nd -5th July), Congress Organizing Committee chair: Javier Martinez Reina.

Javier Martinez Reina gave a presentation of the venue and the keynote speakers, and invited all participants to attend the Congress. He remarked that the 23rd ESB in Seville will also be the first congress of the Society in Spain.

The 24th ESB Congress will be held in Dublin within the World Congress of Biomechanics, 8th to 12th July 2018. A brief presentation is done by Daniel Kelly.

Finally, we would like to announce that the 25th ESB Congress will be held in Vienna (Austria).



3. Electronic Voting – Announcements of the electronic ballot results

The results were analyzed and presented by the President. The president informed the delegates of the total number of votes (184), with the following six candidates receiving the most votes:

- Luca Cristofolini
- Hanna Isaksson
- M^aAngeles Pérez Ansón
- David Mitton
- Jérôme Noailly
- Mark Stuart Thompson

These results should be ratified by the GA, so the President (GR) asked for their approval. The GA unanimously approved the results and the (re-)election of the six candidates.

4. Matters arising

None

5. Closure

The President thanked all members for attending and contributing to the Assembly.

As no other matters arose, the President closed the meeting.

Signed

President

Secretary-General

DATE: Tuesday, 12th July, 2016